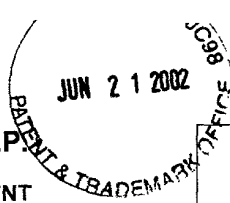


UTILITY PATENT
OR DESIGN
SOLE OR JOINT

CROWELL & MORING, L.L.P.
UNITED STATES LETTERS PATENT
DECLARATION AND POWER OF ATTORNEY



ATTORNEY'S DOCKET NO.

23

As a below named inventor, I declare that I believe I am the original, first and sole inventor if only one name is listed at Item 201 below, or a joint inventor if plural names are listed below at Items 201 et seq. of subject matter which is claimed and for which a patent is sought for the invention entitled:

METHOD AND APPARATUS FOR MANUFACTURING SEMICONDUCTOR DEVICE

which is described and claimed in:

☐ 101 ☐ the attached specification ☐ the specification in application Serial No. filed
(for declaration not accompanying application papers)

and (if applicable) amended on

☐ 102 ☐ International (PCT) Application No. filed and as amended on (if any)

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information known by me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit of priority, under Title 35, United States Code, §119, of any foreign application(s) for patent or inventor's certificate listed in Item 103 below and have also identified in Item 103 below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application for which priority is claimed.

I hereby claim the benefit, under Title 35, United States Code, §120, of any U.S. application(s) listed in Item 105 below. If this application is a continuation-in-part, insofar as the subject matter of any of the claims thereof is not disclosed in the prior U.S. application(s) identified in Item 105 below in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior U.S. application(s) identified in Item 105 below and the national or PCT international filing date of this application.

| FOREIGN APPLICATION(S), IF ANY, FILED WITHIN 12 (6 if a Design) MONTHS PRIOR TO THE FILING DATE OF THIS APPLICATION THE PRIORITY OF WHICH WHERE PERMITTED IS HEREBY CLAIMED UNDER 35 U.S.C. § 119 | | | | | |
|---|---------|--------------------|--------------------------------------|------------------|----|
| 103 | COUNTRY | APPLICATION NUMBER | DATE OF FILING (day, month, year) | PRIORITY CLAIMED | |
| | | | | YES | NO |
| | | | | | |

| 105 | THIS APPLICATION IS A: | SERIAL NO. | FILED |
|-----|--|--|-------|
| | <input type="checkbox"/> CONTINUATION <input type="checkbox"/> DIVISION | <input type="checkbox"/> CONTINUATION-IN-PART OF PRIOR U.S. APPLICATION | |

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

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Inventor(s) name must include at least one unabbreviated first or middle name.

| | | | | |
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| 201 | FULL NAME OF INVENTOR | LAST NAME KAWANO | FIRST NAME Yumiko | MIDDLE NAME |
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| | POST OFFICE ADDRESS | POST OFFICE ADDRESS | | |
| 205 | FULL NAME OF INVENTOR | LAST NAME | FIRST NAME | MIDDLE NAME |
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[] Seventh (and more) coinventors on page 3

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of any patent issue thereon

| | | |
|---|--|---|
| SIGNATURE OF INVENTOR 201 <i>Yumiko Kawano</i> | SIGNATURE OF INVENTOR 202 <i>Hideaki Yamasaki</i> | SIGNATURE OF INVENTOR 203 <i>Gishi Chung</i> |
| DATE June 10, 2002 | DATE June 10, 2002 | DATE June 10, 2002 |
| SIGNATURE OF INVENTOR 204 | SIGNATURE OF INVENTOR 205 | SIGNATURE OF INVENTOR 206 |
| DATE | DATE | DATE |